

# EPD INDUSTRIES

incorporated

2055 EAST 223rd. STREET  
LONG BEACH, CALIF. 90810

PHONE (213) 775-7141 TWX 910-345-6266

EPD LABORATORIES DIVISION



January 21, 1972

Mr. Ray Hulls  
McDonnell Douglas Corporation  
3855 Lakewood Boulevard  
Long Beach, California 90807

Dear Mr. Hulls:

We are pleased to submit the following information to comply with your request regarding our product TC 2601 Thixcoat:

1. TC 2601 Thixcoat material does meet Rule 66.
2. During the heat cure at 350°F., the fumes (vapors that rise) would be from the plasticizers in the material.

A copy of the Hazardous Materials Data sheet on the TC 2601 Thixcoat is enclosed for your review.

We sincerely hope the above information will be adequate for your needs.

Very truly yours,

EPD Industries

Al W. Dames  
Laboratories Div. Manager

AWD:hr

encl: Hazardous Materials Data Sheet

HAZARDOUS MATERIALS DATA SHEET  
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: TC 2601 THIXCOAT
2. MANUFACTURER'S NAME: EPD INDUSTRIES
3. MANUFACTURER'S ADDRESS: 2059 EAST 223rd STREET, LONG BEACH, CALIF. 90810
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: SCRAPE UP FROM FLOOR AND DISCARD
5. TRANSPORTATION AND STORAGE REQUIREMENTS: ICC METAL DRUMS, KEEP AWAY FROM DIRECT SUN OR EXCESS HEAT TO PREVENT THICKENING DUE TO HEAT
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: CLEAN WITH SMALL AMOUNT OF SOLVENT SUCH AS MINERAL SPIRITS OR WIPE OFF WITH PAPER TOWEL, THEN WASH WITH SOAP AND WATER.
- B. EYE CONTACT: RINSE WITH WATER, OR IF APPROVED BY PHYSICIAN FIRST RINSE WITH AN APPROVED GRADE OF OIL, SUCH AS CASTOR OIL OR MINERAL OIL.
- C. INHALATION: NO PROBLEM AT ROOM TEMPERATURES
- D. ANTIDOTE IN CASE OF SWALLOWING: CONSULT PHYSICIAN
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: UNKNOWN - NOT CONSIDERED MORE THAN MODERATELY TOXIC, CONTAINS POLYVINYL CHLORIDE RESIN AND ESTER TYPE PLASTICIZERS, SUCH AS DIOCTYL PHTHALATE, TRIOCTYL PHOSPHATE.
- B. LOCAL EFFECTS UPON EYES: UNKNOWN
- C. LOCAL EFFECTS UPON SKIN: UNKNOWN
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): NOT VOLATILE
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): HEAVY OILY
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS):
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) 1.2
- B. VAPOR DENSITY (AIR = 1)
- C. VAPOR PRESSURE mm Hg AT 25°C.
- D. pH
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? NOT TO OUR KNOWLEDGE

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

<u>COMPOUND</u>	<u>PERCENT</u>

**NOTE:** GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? \_\_\_\_\_

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: AVOID SKIN CONTACT, AVOID EYE CONTACT, AVOID INGESTION

10. RECOMMENDED PROTECTIVE EQUIPMENT: \_\_\_\_\_

11. A. FLASHPOINT °F: CLOSED CUP ABOVE 400F; OPEN CUP \_\_\_\_\_; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: \_\_\_\_\_

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER \_\_\_\_\_; UPPER \_\_\_\_\_

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES \_\_\_\_\_; NO \_\_\_\_\_

D. FIRE POINT °F ABOVE 400 F; AUTO IGNITION TEMPERATURE °F \_\_\_\_\_

E. VAPOR DENSITY \_\_\_\_\_

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? \_\_\_\_\_

G. SUITABLE EXTINGUISHING AGENTS: CARBON DIOXIDE

12. INFORMATION FURNISHED BY:

TITLE: Manager Al W. James

COMPANY: EPD INDUSTRIES

ADDRESS: 2059 E. 223rd ST.

LONG BEACH, CALIF. 90810

DATE: \_\_\_\_\_

**NOTE:** INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.